

Figure 1 - Block diagram of system model

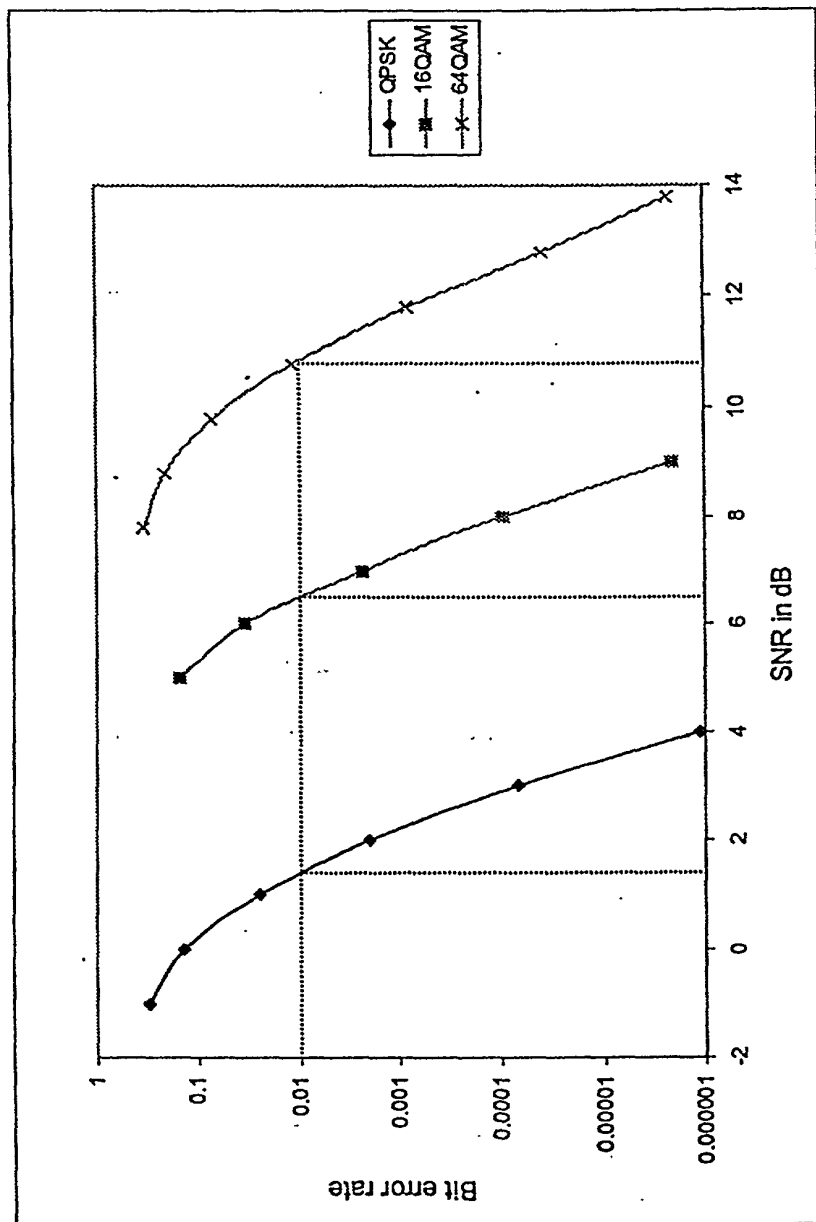


Figure 2 - BER graphs for QPSK, 16QAM and 64QAM under AWGN

Figure 3 - Throughput curves for QPSK, 16QAM and 64QAM under slow flat Rayleigh fading.

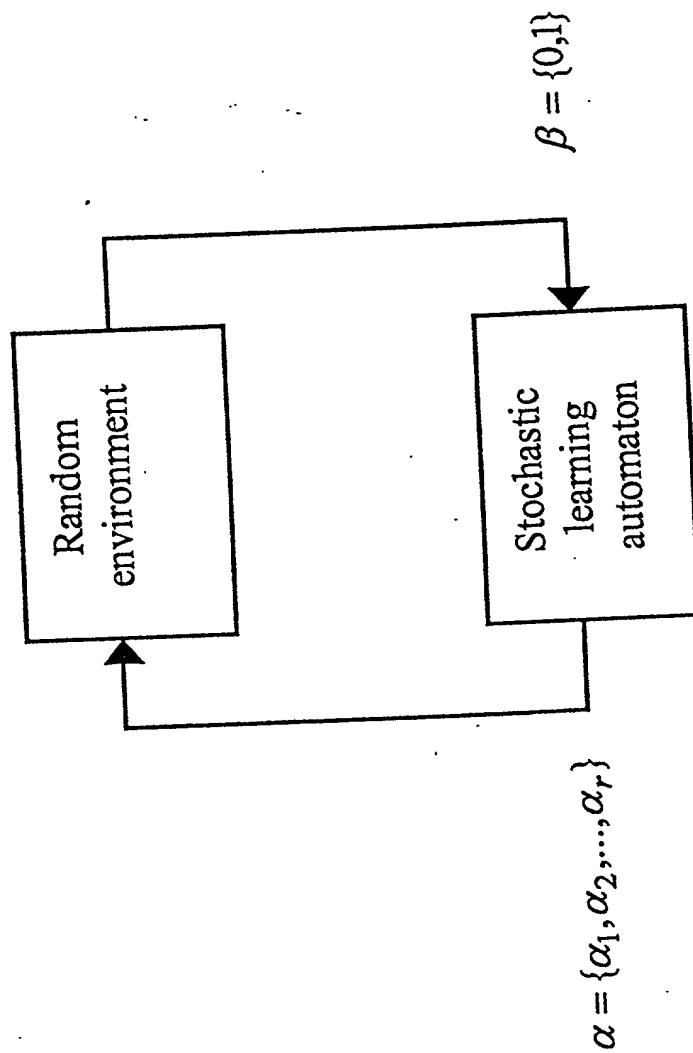


Figure 4 - Stochastic learning automaton operating in a random environment

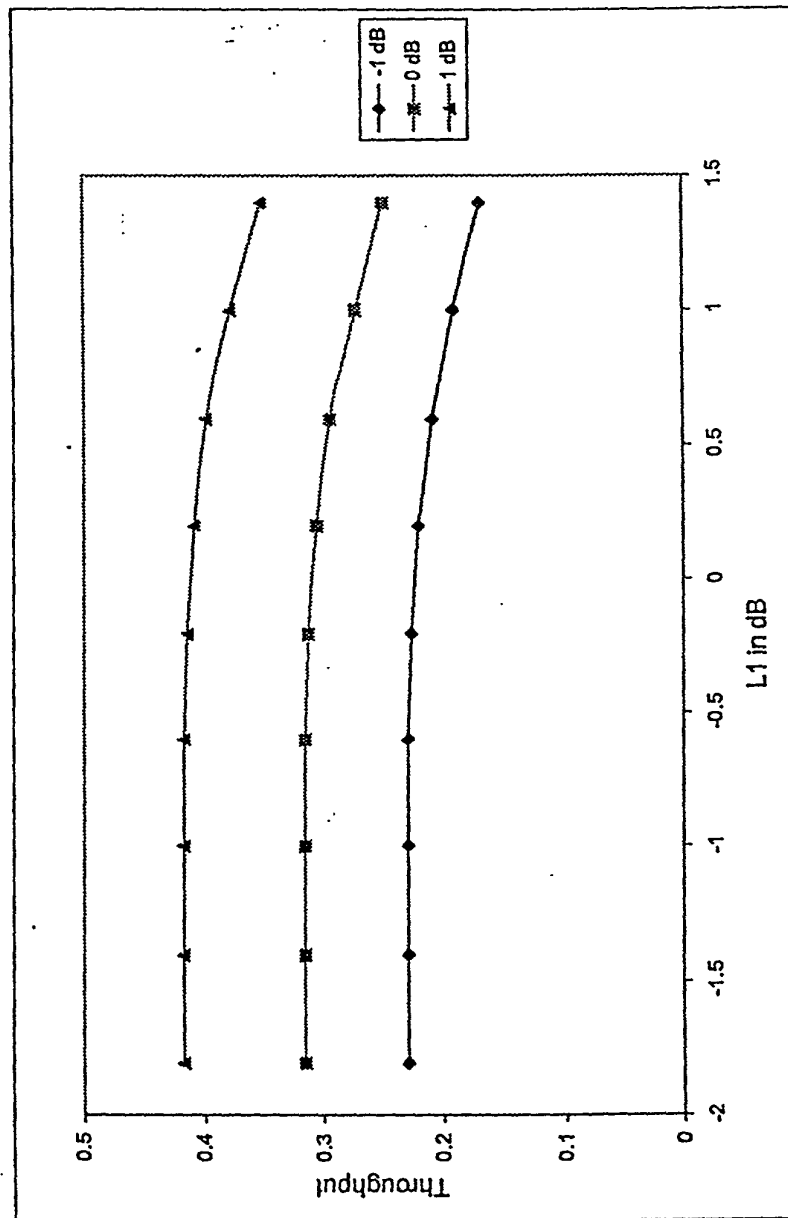


Figure 5 - Throughput vs switching threshold L1 for SNR of -1, 0 and 1 dB

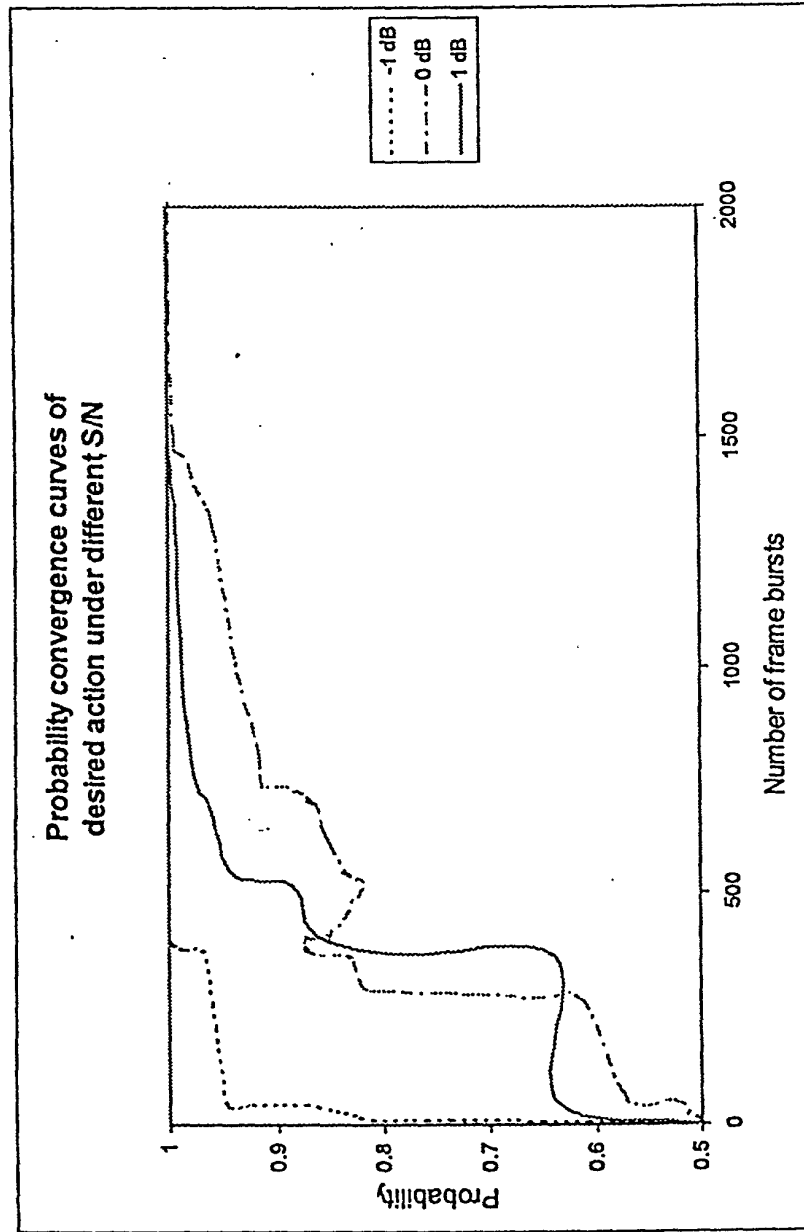


Figure 6 - Probability convergence curves of desired
action for SNR of -1,0 and 1 dB